

ACCEPTED

JAN 10 1978

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, this pesticide
registered under
Reg. No. **4581-292**

Best Available copy

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

FIRST AID: Atropine is Antidotal — Consult your Physician for Emergency Supply. If symptoms or signs of poisoning include blurred vision, abdominal cramps and tightness in chest, don't wait for a doctor but give two atropine tablets (each 1/100 gr.) at once. Keep out of reach of domestic animals. Do not contaminate food, feed or use on household pets or livestock.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to wildlife and fish. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Birds and other wildlife feeding in treated areas may be killed. Keep out of lakes, ponds and streams. Do not apply when weather conditions favor drift or drift from target areas. This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply PENNCAP-M, or allow it to drift, to weeds in bloom or which an economically significant number of bees are actively foraging. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

RE-ENTRY STATEMENT

Do not enter treated fields without protective clothing before spray dries. Consult your State Agricultural Experiment Station regarding special local restrictions.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Do not contaminate water by cleaning of equipment or disposal of wastes. Puncture container for disposal in approved landfill or bury in a safe place. Consult federal, state, or local disposal authorities for approved alternative procedures.

PENNCAP-M
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MICROENCAPSULATED INSECTICIDE

Active ingredient: **Disodium 10-phosphorylphosphorothioate** 22.00%
Inert ingredients: **Phosphate Aromatic Solvent** 5.61%
100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

May be fatal if swallowed, inhaled, or absorbed through skin. Wash thoroughly with water if on skin. Wash contaminated clothing immediately. If symptoms occur, get medical attention immediately. See Precautionary Statements on this label.

Net Contents 1 U.S. Gallon

Manufactured by **Pennwalt Corporation**

4581-292

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GENERAL INFORMATION

PENNCAP-M is a special product consisting of polymeric-type micro capsules which contain methylparathion. Formulation is a flowable type, i.e., capsules are suspended in water. It is applied by air or ground equipment by diluting it with an amount of water suitable for the specific crop and type of spraying equipment. For air application, except as noted, use at least two gallons total spray per acre. First add approximately half of the water to the spray tank, then add the required quantity of PENNCAP-M with good agitation, and finally add the rest of the water. This procedure should be followed to insure proper mixing of PENNCAP-M.

Mixtures of PENNCAP-M with emulsifiable concentrates, organic solvents, or some surfactants may cause increased toxicity and shorter residual effectiveness. This effect is more pronounced with concentrated sprays and extended periods between mixing and application.

DO NOT USE SCREENS OR NOZZLES FINER THAN 50 MESH.

Stir or Shake Before Using.

COTTON — For the control of boll weevil (in the absence of bollworm), apply PENNCAP-M at the rate of 2 to 3 pints per acre. For boll weevil, make applications at 5 to 7 day intervals. Start applications at 10% to 25% punctured squares. Continue as needed. For control of bollworm and tobacco budworm, apply PENNCAP-M at the rate of 4 to 6 pints per acre. Make applications when numbers of worms are expected to be damaging. Make second application 3 to 5 days later. Continue applications at 5 to 7 day intervals as required. Do not apply within 7 days of hand picking or harvest.

COTTON — Application of PENNCAP-M in Tank Mixtures with Soluble Powder Formulations of Chlordimeform Hydrochloride — All cotton growing areas except California and Arizona.

For the control of boll weevil, bollworm, and tobacco budworm, apply a tank mixture of 2 to 3 pints of PENNCAP-M and 1/2 to 1/4 pound chlordimeform hydrochloride (Galecron®SP or Fundal®SP)* per acre. Always prepare fresh mixtures just prior to use. Make applications when insects are expected to become damaging. Continue applications at 3 to 5 day intervals as required.

Do not apply mixtures of PENNCAP-M with Galecron®SP or Fundal®SP within 21 days of harvest. Do not feed foliage from treated cotton plants or gin trash to livestock. Observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

Workers entering fields within 24 hours should wear waterproof or freshly laundered protective clothing, including coveralls, gloves, cap, etc.

SOYBEANS — For the control of velvetbean caterpillar, stink bug, and Mexican bean beetle, apply PENNCAP-M at 2 to 3 pints per acre.

For the control of bean leaf beetle and corn earworm (podworm), apply PENNCAP-M at the rate of 4 pints per acre. Repeat as needed. Do not apply later than 20 days before harvest or grazing. Do not apply more than 2 applications per season.

TOBACCO — For the control of tobacco budworm, apply PENNCAP-M at the rate of 4 to 6 pints in 18 to 40 gallons of total spray per acre. Continue applications at 5 to 7 day intervals as required.

For the control of tobacco hornworms and aphids, apply PENNCAP-M at the rate of 4 to 6 pints in 25 to 40 gallons of total spray per acre. Do not apply within 15 days of harvesting by cutting. Do not

apply within 5 days of priming. Avoid contact with plant juices when priming or cutting tobacco. When necessary to enter treated fields within 48 hours after application, protective clothing should be worn.

CORN (Sweet) — For the control of corn earworm and European corn borer, apply PENNCAP-M at the rate of 2 pints per acre on a 1 to 2 day schedule or at the rate of 4 pints per acre on a 2 to 5 day schedule. Start applications when silking starts and continue applications as required. Do not apply later than 3 days before harvest. Do not cut for forage or graze within 12 days after application.

ALFALFA — For the control of alfalfa weevil and pea aphid, apply PENNCAP-M at the rate of 2 pints per acre. For control of Egyptian alfalfa weevil, apply at the rate of 2 pints per acre. For control of blue alfalfa aphid in California and Arizona only, apply PENNCAP-M at the rate of 1 1/2 pints per acre.

Do not spray alfalfa during bloom to avoid injury to bees. Do not apply within 15 days of harvest or grazing.

PEAS — For the control of pea aphid, pea weevil, and pea leaf weevil, apply PENNCAP-M at the rate of 2 pints per acre. For control of pea leaf weevil and pea weevil by aerial application, a minimum of 5 gallons per acre of finished spray should be applied. Repeat application as necessary for control.

Do not apply to Austrian winter peas during bloom to avoid injury to bees. Do not apply within 10 days of harvest.

PEAS FOR FORAGE — Do not make more than 1 application per year. Do not harvest or graze within 15 days of application.

BEANS (Snap, Lima, and Dry) (Southeastern United States only) — For the control of Mexican bean beetle, apply PENNCAP-M at the rate of 2 pints per acre. Start application when insect damage threatens. Do not apply within 15 days of harvest. On snap beans, do not apply after pod formation.

ONIONS (Dry onions and onions grown for seed only) — For the control of thrips, apply PENNCAP-M at the rate of 2 pints per acre. Start application when insect damage threatens. Repeat as required. Do not apply when onions are blooming to avoid injury to bees. Do not apply within 15 days of harvest.

RICE — For the control of stink bugs, apply PENNCAP-M at the rate of 1 to 2 pints per acre. For the control

of grasshoppers, use 2 pints per acre. Start application when insect damage threatens. Do not apply within 15 days of harvest. Do not apply PENNCAP-M within 14 days of application of propanil.

WHEAT — For the control of greenbugs, apply PENNCAP-M at the rate of 1 to 1 1/2 pints per acre. For best results use at least 2 gallons of total spray per acre when applied by air. For the control of grasshoppers, apply PENNCAP-M at the rate of 2 pints per acre. For air application, use at least one gallon total spray per acre. Start application when insect damage threatens. Do not apply within 15 days of harvest or grazing.

RANGELAND AND PASTURE (including grass for seed production) — For the control of grasshoppers, apply PENNCAP-M at the rate of 2 pints per acre. Start application when insect damage threatens. Do not apply within 15 days of harvest or grazing.

PEACHES — For the control of plum curculio and oriental fruit moth, apply PENNCAP-M at 2 pints per 100 gallons of dilute spray. For concentrate or aerial application, apply PENNCAP-M at the rate of 6 pints per acre. Start application when insect damage threatens. Do not use more than 2 1/2 gallons (5 pounds active) per acre per year. Do not apply later than 14 days before harvest. Do not graze or feed cover crops from treated orchards.

PEACHES IN CALIFORNIA — Do not apply within 21 days of harvest. Do not use more than 2 1/2 gallons (5 pounds active) per acre from January 1 to harvest. Do not graze or feed cover crops from treated orchards.

APPLES AND PEARS — For the control of San Jose scale (Northwest only) and codling moth, apply PENNCAP-M at the rate of 1 to 2 pints per 100 gallons of dilute spray or 4 to 8 pints per acre for concentrate applications. For the control of plum curculio, use 2 pints per 100 gallons or 8 pints per acre for concentrate applications. Do not use more than 3 gallons PENNCAP-M (6 pounds active) per acre per year. Do not apply within 14 days of harvest. Under heavy insect pressure use the higher dosage; consult your local experiment station for proper timing of sprays.

Do not combine PENNCAP-M with AGRI-STREP® since injury to fruit and foliage may result.

GRAPES — For control of grape leafhopper, apply PENNCAP-M at the rate of 4 pints per acre. Start application when insect damage threatens. Do not apply within 14 days of harvest.

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Fundal®SP is a registered trademark of NOR-AM®

AGRI-STREP is a registered trademark of MERCK

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